

Amendments to the Claims

This listing of claims will replace all the prior revisions, and listings of claims in this application.

Listing of Claims

1. (Cancelled)

2. (Cancelled)

1 3. (Cancelled)

4. (Cancelled)

5. (Cancelled)

6. (Cancelled)

1 7. (Currently Amended) A method of determining the time t_{HOB} to a desired Height Of Burst

2 (HOB) of a projectile comprising the steps of:

3 a. determining, through the effect of a sensor on-board the projectile, when the

4 projectile reaches its apogee after launch;

5 b. measuring the actual time t_a that it takes said projectile to reach ~~its~~ the apogee after

6 launch; and

7 ~~b c.~~ calculating the time to the desired ~~time of burst~~ Height Of Burst t_{HOB} based

8 upon the actual time t_a ;

9 wherein said on-board sensor is one selected from the group consisting of:

6 if $t_a < 7$ seconds then there may be a malfunction and the projectile should be
7 disabled.